

(FILE 'HOME' ENTERED AT 17:18:13 ON 16 DEC 2000)

FILE 'CAPLUS' ENTERED AT 17:18:21 ON 16 DEC 2000

L1 102 SEA DIAMINOPYRAZOLE? OR TRIAMINOPYRAZOLE? OR DIAMINOPYRAZOL
OR
L2 TRIAMINOPYRAZOL
L3 37 SEA (DIAMINO OR TRIAMINO) (4W) PYRAZOLE?
L4 61896 SEA HAIR? OR KERATIN?
L5 47 SEA (L1 OR L2) AND L3
L6 619710 SEA HALOGEN OR HALO OR CHLORINE OR CHLORO OR FLUORINE OR
FLUORO OR BROMINE OR BROMO OR IODINE OR IODO
L7 32 SEA L4 AND L5
L8 24256 SEA HALOGENATED
L9 2 SEA L4 AND L7
 34 SEA L6 OR L8
D IBIB ABS HIT 1-34

L9 ANSWER 12 OF 34 CAPLUS COPYRIGHT 2000 ACS
ACCESSION NUMBER: 1999:458930 CAPLUS
DOCUMENT NUMBER: 131:78156
TITLE: Oxidative hair dye composition comprising a
5-substituted 3,4-diaminopyrazole and a
halogenated m-aminophenol
INVENTOR(S): Maubru, Mireille
PATENT ASSIGNEE(S): L'Oreal S. A., Fr.
SOURCE: Fr. Demande, 29 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2770775	A1	19990514	FR 1997-14051	19971107
FR 2770775	B1	19991224		
EP 919221	A1	19990602	EP 1998-402588	19981019
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 11209251	A2	19990803	JP 1998-314995	19981105
JP 3024107	B2	20000321		
US 6090162	A	20000718	US 1998-186882	19981106
PRIORITY APPLN. INFO.:			FR 1997-14051	19971107

OTHER SOURCE(S): MARPAT 131:78156

AB The title compn. is disclosed. A hair dye compn. contained 3,4-diamino-5-Me pyrazole dihydrochloride 0.555, 3-aminophenol 0.327 and excipients and water q.s. 100 g. At the time of use the compn. is mixed with equal amts. of 20 vol. hydrogen peroxide and applied for 30 min on the hair, then rinsed, washed with shampoo and dried to obtain the desired color.

TI Oxidative hair dye composition comprising a 5-substituted 3,4-diaminopyrazole and a halogenated m-aminophenol

AB The title compn. is disclosed. A hair dye compn. contained 3,4-diamino-5-Me pyrazole dihydrochloride 0.555, 3-aminophenol 0.327 and excipients and water q.s. 100 g. At the time of use the compn. is mixed with equal amts. of 20 vol. hydrogen peroxide and applied for 30 min on the hair, then rinsed, washed with shampoo and dried to obtain the desired color.

ST oxidative hair dye diaminopyrazole halogenated aminophenol

IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(C1-4; oxidative hair dye compn. comprising substituted diaminopyrazole and halogenated aminophenol)

IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(aralkyl; oxidative hair dye compn. comprising substituted diaminopyrazole and halogenated aminophenol)

IT Cosmetics
(creams; oxidative hair dye compn. comprising substituted diaminopyrazole and halogenated aminophenol)

IT Hair preparations
(dyes, oxidative; oxidative hair dye compn. comprising

substituted **diaminopyrazole** and **halogenated aminophenol**)

IT Cosmetics
(gels; oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

IT Ethers, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(glycol; oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

IT Cosmetics
(liqs.; oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

IT Salts, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(of peroxy acids; oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

IT Solvents
(org.; oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

IT Oxidizing agents
(oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

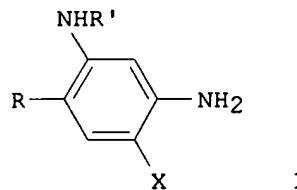
IT Glycols, biological studies
Peroxy acids
Peroxysulfates
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

IT 56-81-5, 1,2,3-Propanetriol, biological studies 124-43-6 563-69-9,
Carbonoperoxoic acid 6358-06-1, 3-Amino 6-chlorophenol 7722-84-1,
Hydrogen peroxide, biological studies 7789-31-3D, Bromic acid, alkali metal salts 55120-56-4 76368-87-1 84540-50-1 122128-83-0
199340-92-6 199340-98-2 199340-99-3 199341-00-9 199341-01-0
199341-02-1 199341-03-2 199341-04-3 199341-05-4 199341-06-5
199341-07-6 199341-08-7 199341-09-8 199341-10-1 199341-11-2
199341-12-3 199341-13-4 199341-14-5 199341-15-6 199341-16-7
199341-17-8 199341-18-9 199341-19-0 199341-21-4 199341-22-5
199341-23-6 199341-24-7 199341-25-8 199341-26-9 199341-27-0
199341-28-1 199341-29-2 199341-30-5 199341-31-6 199341-32-7
199341-33-8 199341-34-9 199341-37-2 199341-39-4 199341-41-8
199341-43-0 199341-44-1 199341-46-3 199341-49-6 199341-51-0
199341-52-1 199341-53-2 199341-54-3 199341-55-4 199341-56-5
199341-57-6 199341-58-7 199341-59-8 199341-60-1 199341-61-2
199341-62-3 199341-63-4 199341-64-5 199341-65-6 199341-66-7
199341-67-8 199341-68-9 199341-69-0 199341-70-3 199341-71-4
199341-72-5 199341-73-6 199341-74-7 199341-75-8 199341-76-9
199341-77-0 199341-78-1 199341-79-2 199341-80-5 199341-81-6
199341-82-7 199341-83-8 199341-84-9 199341-85-0 199341-86-1
199341-87-2 199341-88-3 199341-89-4 199341-90-7 199341-91-8
199341-92-9 199341-93-0 199341-94-1 199341-95-2 199341-96-3
199341-97-4 199341-98-5 199341-99-6 199342-00-2 199342-01-3
199342-02-4 199342-03-5 199342-04-6 199342-05-7 199342-06-8
199342-07-9 199342-08-0 199342-09-1 199342-10-4 221129-68-6
221129-69-7 229028-77-7 229028-78-8 229028-79-9 229028-80-2
229028-81-3 229028-82-4 229028-83-5
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(oxidative hair dye compn. comprising substituted **diaminopyrazole** and **halogenated aminophenol**)

L9 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2000 ACS
 ACCESSION NUMBER: 1996:115196 CAPLUS
 DOCUMENT NUMBER: 124:178878
 TITLE: Hair dyeing compositions and
 2-(alkylamino)-4-amino-1-alkylbenzenes
 INVENTOR(S): Balzer, Wolfgang; Frank, Anke; Weinges, Alexa
 PATENT ASSIGNEE(S): Wella A.-G., Germany
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 687669	A1	19951220	EP 1995-101867	19950211
R: DE, ES, FR, GB, IT				
DE 4421397	A1	19951221	DE 1994-4421397	19940618
US 5645610	A	19970708	US 1995-450476	19950526
BR 9502796	A	19960312	BR 1995-2796	19950614
JP 08003121	A2	19960109	JP 1995-174087	19950616
PRIORITY APPLN. INFO.:			DE 1994-4421397	19940618

OTHER SOURCE(S): MARPAT 124:178878
 GI



AB Oxidative hair dyeing compns. contain as couplers 0.01-5% I (R = C1-4-alkyl, R' = C1-4-alkyl, C2-4-hydroxyalkyl; X = Cl, C1-4-alkoxy) or their physiol. compatible water-sol. salts, in addn. to developers and optionally other couplers and other coloring agents. The compns. have good storage stability and provide good color purity in many shades. Thus, 4-amino-2-(2-hydroxyethylamino)-5-methoxytoluene (II) 0.08, 2-(2-hydroxyethyl)-1,4-diaminobenzene sulfate 1.00, resorcinol 0.35, m-aminophenol 0.05, Na2SO3 0.40, oleic acid 15.00, iso-PrOH 7.00, 22% aq. ammonia 10.00, and water 62.12 g were combined to give a hair -dyeing compn. which was mixed in gel form with H2O2 and applied to blond hair to provide a natural brown shade. II was prep'd. starting with 5-fluoro-2-methylaniline, using the steps of nitration, condensation with 2-chloroethyl chloroformate, hydrolysis, and redn.

TI Hair dyeing compositions and 2-(alkylamino)-4-amino-1-alkylbenzenes

AB Oxidative hair dyeing compns. contain as couplers 0.01-5% I (R = C1-4-alkyl, R' = C1-4-alkyl, C2-4-hydroxyalkyl; X = Cl, C1-4-alkoxy) or their physiol. compatible water-sol. salts, in addn. to developers and optionally other couplers and other coloring agents. The compns. have

good storage stability and provide good color purity in many shades. Thus, 4-amino-2-(2-hydroxyethylamino)-5-methoxytoluene (II) 0.08, 2-(2-hydroxyethylamino)-1,4-diaminobenzene sulfate 1.0, resorcinol 0.35, m-aminophenol 0.05, Na₂SO₃ 0.40, oleic acid 15.00, iso-PrOH 7.00, 22% aq. ammonia 10.00, and water 62.12 g were combined to give a hair-dyeing compn. which was mixed in gel form with H₂O₂ and applied to blond hair to provide a natural brown shade. II was prepd. starting with 5-fluoro-2-methylaniline, using the steps of nitration, condensation with 2-chloroethyl chloroformate, hydrolysis, and redn.

ST hair dye coupler aminoaniline prep

IT Hair preparations

(dyes, oxidative, prep. and use of hair-dyeing couplers)

IT 96-91-3, 2-Amino-4,6-dinitrophenol 128-95-0, 1,4-Diaminoanthraquinone 632-99-5, C.I.Basic Violet 14 2475-45-8,

1,4,5,8-Tetraaminoanthraquinone

2835-98-5, 2-Amino-5-methylphenol 3248-91-7, C.I.Basic Violet 2

5858-51-5, C.I. Acid Brown 4 17672-22-9, 6-Amino-2-methylphenol

24905-87-1, 2-Amino-5-(2-hydroxyethylamino)nitrobenzene 27080-42-8,

1-(2-Ureidoethylamino)-4-nitrobenzene 100418-33-5, 4-(2-

Hydroxyethylamino)-3-nitrotoluene

RL: TEM (Technical or engineered material use); USES (Uses)

(hair-dyeing color components)

IT 90-15-3, 1-Naphthalenol 95-88-5, 4-Chlororesorcinol 108-45-2, 1,3-Benzenediamine, uses 108-46-3, 1,3-Benzenediol, uses 137-19-9, 4,6-Dichlororesorcinol 533-31-3, 4-Hydroxy-1,2-methylenedioxybenzene 591-27-5, m-Aminophenol 608-25-3, 2-Methylresorcinol 2380-94-1, 4-Hydroxyindole 2835-95-2, 5-Amino-2-methylphenol 53222-92-7, 3-Amino-2-methylphenol 70643-19-5, 2-(2,4-Diaminophenoxy)ethanol

81329-90-0, 4-(2-Hydroxyethylamino)-1,2-methylenedioxybenzene

83763-47-7, 2-Amino-4-(2-hydroxyethylamino)anisole 85679-78-3

86817-42-7, 2-(4-Amino-2-hydroxyphenoxy)ethanol 110102-86-8, 3-Amino-4-chloro-6-methylphenol 122455-85-0 139443-57-5 141614-04-2

RL: TEM (Technical or engineered material use); USES (Uses)

(hair-dyeing couplers)

IT 95-70-5, 2,5-Diaminotoluene 106-50-3, 1,4-Benzenediamine, uses 123-30-8 1004-74-6, Tetraaminopyrimidine 2835-99-6, 4-Amino-3-methylphenol 45514-38-3, 4,5-Diamino-1-methylpyrazole 79352-72-0 93841-24-8 130582-61-5 131311-66-5 155601-16-4, 4,5-Diamino-1-isopropylpyrazole 168202-62-8 174024-69-2, 4,5-

Diamino-1-(methylbenzyl)pyrazole

RL: TEM (Technical or engineered material use); USES (Uses)

(hair-dyeing developers)

IT 446-18-4P 34648-99-2P 173552-27-7P, 2-Chloroethyl N-(4-fluoro-2-methyl-5-nitrophenyl)carbamate 173552-28-8P,

2-(2-Hydroxyethylamino)-

5-methoxy-4-nitrotoluene 173552-29-9P,

5-Ethoxy-2-(2-hydroxyethylamino)-

4-nitrotoluene 173552-30-2P, 2-Chloroethyl N-(4-chloro-2-methyl-5-nitrophenyl)carbamate 175421-07-5P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation) (intermediate; prepn. and use of hair-dyeing couplers)

IT 173552-24-4P, 4-Amino-2-(2-hydroxyethylamino)-5-methoxytoluene

173552-25-5P, 4-Amino-5-ethoxy-2-(2-hydroxyethylamino)toluene

173552-26-6P, 4-Amino-5-chloro-2-(2-hydroxyethylamino)toluene

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(prepn. and use of hair-dyeing couplers)

IT 95-69-2, 2-Amino-5-chlorotoluene 452-71-1, 4-Fluoro-

-2-methylaniline 627-11-2, 2-Chloroethyl chloroformate

RL: RCT (Reactant)

(starting material; prepn. and use of hair-dyeing couplers)